

PTO/SB/96 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S.Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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STATEMENT UNDER 37 CFR 3.73(b)		
Applicant/Patent Owner: Minoru Usui, et	al.	
Application No./Patent No.: 10/044,281	Filed/Issue Date: January 9, 2002	
Entitled: INK CARTRIDGE FOR INK-JET PRINTING APPARATUS		
Seiko Epson Corporation	, a_corporation of Japan,	
(Name of Assignee)	(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)	
states that it is:		
1. X the assignee of the entire right, title	, and interest; or	
2. an assignee of less than the entire The extent (by, percentage) of its or	right, title and interest.	
in the patent application/patent identified a	~	
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[ ] Additional documents in the c	chain of title are listed on a supplemental sheet.	
	inal assignment document or a true copy of the original document) sion in accordance with 37 CFR Part 3, if the assignment is to be	
The undersigned (whose title is supplied be	elow) is authorized to act on behalf of the assignee.	
May 28, 2002	Masataka Kamiyanagi	
Date	Typed or printed name	
	m. pamy	
	Signature  Director Intellectual Property Divisi n	
	Director, Intellectual Property Divisi n	

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PTO/SB/106 (8-96) Approved for use through 9/30/98 0MB 0651-0032 Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Attorney's Ref. N .: 448563/0202 (LR:DLS)

## Declaration and Power of Attorney For Patent Application

OPYOF Mapanese Language Declaration rig:nally filed

特許出願宣言書及び委任状

日本語宣言書

下記の氏名の発明者として、私は以下の通り宜言します。

As a below named inventor. I hereby declare that:

私の住所、私谷箱、国路は、下記の私の氏名の後に記録された 通りです。

My residence, post office address and citizenship are as stated next to my name.

下記の名称の発明に関して韵求徳囲に記録され、特許出頃して いる発明内容について、私が最初かつ唯一の発明者(下記の氏名 が一つの場合)もしくは最初かつ共同発明者であると(下記の名 称が複数の場合) 信じています。

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

インクジェット記録装置用インクカートリッジ

#### INK CARTRIDGE FOR INK-JET PRINTING APPARATUS

上記発明の明細谷(下記の构で×印がついていない場合は、本 谷に添付)は、

the specification of which is attached hereto unless the following box is checked:

2002年1月9日

以に提出され、米国出頃番号または 特許協定条約 国際出頃番号を 10/044,281 とし、 に訂正されました。 (該当する場合) \_\_\_\_\_

Was filed on January 9, 2002 as United States Application Number or PCT International Application Number 10/044,281 and was amended on

私は、特許論求徳囲を含む上記訂正後の明細谷を検討し、内容 を理解していることをここに表明します。

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

私は、連邦規則法典第37編第1条56項に定義されるとおり、 特許資格の有無について重要な情報を開示する義務があることを 認めます。

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37. Code of Federal Regulations, Section 1.56.

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office. Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Under the Pepernork Raduction Act of 1995, no persons are required to respond to collection of information unless it displays a valid 029 control number.

#### Japanese Language Declaration

(日本語宣言書)

私は、米国法典第35億119条 (a) - (d)項又は365条 (b)項に基き下配の、米国以外の国の少なくとも1ヶ国を指定している特許協力条約365条(a)項に基づく国際出頃、又は外国での特許出頃もしくは発明者証の出頃についての外国促先権をこに主張するとともに、促先権を主張している、本出頃の前に出頃された特許または発明者証の外国出頃を以下に、枠内をマークすることで、示しています。

I hereby claim foreign priority under Title 35. United States Code, Section 119 (a)—(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior	Foreign	Application(s)
外国での先行出頃		

13/May/1998 Japan Hei. 10-130630 (Day/Month/Year Filed) (Number) (Country) (出頃年月日) (国名) (番号) 13/May/1998 Hei. 10-130631 Japan (Day/Month/Year Filed) (Number) (Country) (出頃年月日) (番号) (国名)

私は、第35ਈ米国法典119条(e)項に基いて下配の米国特 許出頃規定に記録された権利をここに主張いたします。 i hereby claim the benefit under Title 35, United States Code, Section 119 (e) of any United States provisional application(s) listed below.

(Application No.) (出頃番号) (Filing Date) (出四日) (Application No.)
(出頌番号)

(Filing Date) (出篇目)

私は下記の米国法典第35 想120条に基いて下記の米国特許 出頃に記録された権利、又は米国を指定している特許協力条約3 65条(c)に基づく権利をここに主張します。また、本出頃の各 設求範囲の内容が米国法典第35 想112条第1項又は特許協力 条約で規定された方法で先行する米国特許出頃に開示されていな い限り、その先行米国出頃沿提出日以降で本出頃谷の日本国内ま たは特許協力条約国際提出日までの期間中に入手された、連邦規 則法典第37 想1章56項で定義された特許資格の有無に関する 重要な情報について開示義務があることを認識しています。 I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application (s), or 365 (c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of application:

09/312,073

13/May/1999

(Application No.) (出頃番号) (Filing Date) (出願日)

(Application No.) (出願番号) (Filing Date) (出願日)

私は、私自身の知識に基づいて本宣言各中で私が行なう表明が 真実であり、かつ私が入手した情報と私の信じるところに基づく 表明が全て真実であると信じていること、さらに故意になされた 虚偽の表明及びそれと同等の行為は米国法典第18観第1001 条に基づき、罰金または拘禁、もしくはその両方により処罰され ること、そしてそのような故意による虚偽の声明を行なえば、出 願した、又は既に許可された特許の有効性が失われることを認識

し、よってここに上記のごとく宣哲を致します。

(Status: Patented, Pending, Abandoned) (現況:特許許可濟、係爲中、放棄濟)

Pending

(Status: Patented, Pending, Abandoned)

(現況:特許許可済、係屆中、放棄済)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Priority Not Claimed

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

# Under the Paparrank Raduction Act of 1995, no persons are required to respond to collection of information unless it displays a valid 0/28 control number. Japanese Language Declaration

(日本語宜言書)

私は、米国法典第35년119条 (a) - (d)項又は365条 (b)項に基き下記の、米国以外の国の少なくとも1ヶ国を指定している特許協力条約365条(a)項に基づく国際出頃、又は外国での特許出頃もしくは発明者証の出頃についての外国促先砲をここに主張するとともに、任死を主張している、本出頃の前に出頃された特許または発明者証の外国出頃を以下に、枠内をマークすることで、示しています。

I hereby claim foreign priority under Title 35. United States Code, Section 119 (a)—(d) or 365 (b) of any foreign application(s) for patent or inventor's certificate, or 365 (a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

rior Foreign Application(s       本語での先行出頃	5)		<b></b> 任先権主張なし
Hei. 10-131483	Japan	14/May/1998	
(Number) (番号)	(Country) (I (国名)	Day/Month/Year Filed) (出頌年月日)	
Hei. 10-175340	Japan	9/June/1998	
(Number) (母号)	(Country) (I (国名)	Day/Month/Year Filed) (出頌年月日)	· · · · · · · · ·
私は、第35 <b>摂米国</b> 法典11 許出頃規定に記 <b>成された権利</b> を	9条(e)項に基いて下記の米国符 ここに主張いたします。	i hereby claim the benefit : Code, Section 119 (e) of an application(s) listed belo	ny United States provisiona
(Application No.) (出頃番号)	(Filing Date) (出頃日)	(Application No.) (出頃番号)	(Filing Date) (出口日)
·		t beerbeer alaim aba bassait a	andor Title 25 United State

私は下記の米国法典第35億120条に基いて下記の米国特許 出頃に記憶された権利、又は米国を指定している特許協力条約3 65条(c)に基づく権利をここに主張します。また、本出頃の各 卸水節囲の内容が米国法典第35億112条第1項又は特許協力 条約で規定された方法で先行する米国特許出頃に開示されていな い限り、その先行米国出頃召提出日以降で本出頃召の日本国内ま たは特許協力条約国際提出日までの期間中に入手された、違邦規 則法典第37億1条56項で定義された特許資格の有無に関する 重要な情報について開示義務があることを認識しています。 I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or 365 (c) of any PCT International application designating the United. States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of application:

(Application No.) (Filing Date) (Status: Patented, Pending, Abandoned) (出頃番号) (出頃日) (現況:特許許可済、係属中、放棄済)

(Application No.) (Filing Date) (出願番号) (出願日) 私は、私自身の知識に基づいて本宣言啓中で私が行なう表明が

私は、私自身の知識に基づいて本宣言啓中で私が行なう表明が 真実であり、かつ私が入手した情報と私の信じるところに基づく 表明が全て真実であると信じていること、さらに故意になされた 虚偽の表明及びそれと同等の行為は米国法典第18組第1001 条に基づき、罰金または拘禁、もしくはその両方により処罰され ること、そしてそのような故意による虚偽の声明を行なえば、出 願した、又は既に許可された特許の有効性が失われることを認識 し、よってここに上記のごとく宣哲を致します。 (Status: Patented, Pending, Abandoned) (現況:特許許可済、係属中、放棄済)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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#### Japanese Language Declaration

(日本語宣言書)

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征先榜を主張している、 
本出頭の前に出 頃された特許または発明者缸の外国出頭を以下に、 
枠内をマーク することで、示しています。

)

I hereby claim foreign priority under Title 35. United States Code, Section 119 (a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International application which designated at least one country other than the United States. listed below and have also identified below, by checking the box, any foreign application for patent or

Prior Foreign Application(s) 外国での先行出頃			Priority Not Claimed 低先権主張なし
Hei. 11-22036	Japan	29/January/1999	
(Number) (番号)	(Country) (国名)	(Day/Month/Year Filed) (出頃年月日)	
Hei. 11-23300	Japan	29/January/1999	
(Number) (番号)	(Country) (国名)	(Day/Month/Year Filed) (出區年月日)	
私は、第35 <b>題米国</b> 法典1 許出環規定に記 <b>贷された権利</b>	1 9条(e)項に基いて下記の米E をここに主張いたします。 ´	u-mr	under Title 35, United States any United States provisional ou.
(Application No.) (出頃番号)	(Filing Date) (出頃日)	(Application No.) (出頃番号)	(Filing Date) (出頃日)
出頃に記伐された権利、又は 65条(c)に基づく権利をこ 設求徳囲の内容が米国法典第	関120条に基いて下記の米国和 米国を指定している特許協力条約 こに主張します。また、本出頃の 35飼112条第1項又は特許額 する米国特許出頃に開示されてい	787 Code, Section 120 of any Un う各 365 (c) of any PCT Internat なカ the United States, liste	under Title 35. United States ited States application(s), or tional application designating d below and, insofar as the claims of this application

い限り、その先行米国出原各提出日以降で本出原谷の日本国内ま たは特許協力条約国際提出日までの期間中に入手された、逗邦規 則法典第37題1条56項で定義された特許資格の有無に関する 重要な竹報について開示義務があることを認識しています。

is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of application:

(Filing Date) (Status: Patented, Pending, Abandoned) (Application No.) (現況:特許許可済、係屆中、放棄済) (出願番号) (出願日) (Status: Patented, Pending, Abandoned) (Filing Date) (Application No.) (現況:特許許可済、係屆中、放棄済) (出願日) (出願番号)

私は、私自身の知識に基づいて本宣言書中で私が行なう表明が 真実であり、かつ私が入手した情報と私の信じるところに基づく 表明が全て真実であると信じていること、さらに故意になされた 虚偽の表明及びそれと同等の行為は米国法典第18編第1001 条に基づき、罰金または拘禁、もしくはその両方により処罰され ること、そしてそのような故意による虚偽の声明を行なえば、出 願した、又は既に許可された特許の有効性が失われることを認識 し、よってここに上記のごとく宣哲を致します。

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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## Japanese Language Declaration

(日本語宣言書)

及び登録番号を明記のこと)

委任状: 私は、下記の発明者として、本出頃に関する一切の手 POWER OF ATTORNEY: As a named inventor, I hereby appoint 統きを米特許商权局に対して遂行する弁理士または代理人とし the following attorney(s) and/or agent(s) to prosecute this て、下記の者を指名いたします。(弁設士、または代理人の氏名 application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

<b></b>	Send Correspondence to:
<del>-</del>	Lawrence Rosenthal Stroock & Stroock & Lavan LLP 180 Maiden Lane New York, New York 10038
直接包話逗絡先: (名前及び包話番号)	Direct Telephone Calls to: (name and telephone number) Lawrence Rosenthal (212) 806-5400
唯一または第一発明者名	Full name of sole or first inventor Minoru Usui
発明者の翌名 大阪本 年 2002月5月27日	
住所	Residence Nagano, Japan
国第	Citizenship Japan
私容箱	Post Office Address c/o Seiko Epson Corporation 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 Japan
第二共同発明者	Full name of second joint inventor, if any Satoshi Shinada
第二共同発明者の署名 日付 2002年 5月13日 住所	Second inventor's signature  Saturdia Shimada 13/May/2002  Residence  Nagano, Japan
国籍	Citizenship Japan
私容箱	Post Office Address c/o Seiko Epson Corporation 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 Japan
(第三以降の共同発明者についても同様に記哉し、署名をすること)	(Supply similar information and signature for third and subsequent joint inventors.)

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## Japanese Language D claration

(日本語宣言書)

及び登録番号を明記のこと)

委任状: 私は、下記の発明者として、本出顧に関する一切の手 POWER OF ATTORNEY: As a named inventor, I hereby appoint 統きを米特許商標局に対して遂行する弁理士または代理人とし the following attorney(s) and/or agent(s) to prosecute this て、下記の者を指名いたします。(弁護士、または代理人の氏名 application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

1 // ·	
書類送付先:	Send Correspondence to:
<del>-</del> -	Lawrence Rosenthal Stroock & Stroock & Lavan LLP 180 Maiden Lane New York, New York 10038
直接電話連絡先:(名前及び電話番号)	Direct Telephone Calls to: (name and telephone number)  Lawrence Rosenthal (212) 806-5400
第三共同発明者	Full name of third joint inventor, if any Takahiro Naka
第三共同発明者の署名 日付 2点の23条月3日	Third inventor's signature Date  Tahahito Naka 13/May/2002
住所	Residence - // Nagano, Japan
国籍	Citizenship Japan
私書箱	Post Office Address c/o Seiko Epson Corporation 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 Japan
第四共同発明者	Full name of fourth joint inventor, if any Hisashi Miyazawa
第四共同発明者の署名 日付 2002年 5万 3月 日付 日前	Fourth inventor's signature  Date  Disposition Muyaga (a)  Residence  Nagano, Japan
国籍	Citizenship Japan
私書箱	Post Office Address c/o Seiko Epson Corporation 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 Japan
(第五以降の共同発明者についても同様に記載し、署名をすること)	(Supply similar information and signature for fifth and subsequent joint inventors.)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to collection of information unless it displays a valid OMB control number.

## Japanese Language Declaration

(日本語宣言書)

及び登録番号を明記のこと)

委任状: 私は、下記の発明者として、本出願に関する一切の手 POWER OF ATTORNEY: As a named inventor, I hereby appoint 統きを米特許商標局に対して遂行する弁理士または代理人とし the following attorney(s) and/or agent (s) to prosecute this て、下記の者を指名いたします。(弁護士、または代理人の氏名 application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

類送付先:	Send Correspondence to:
	Lawrence Rosenthal Stroock & Stroock & Lavan LLP 180 Maiden Lane New York, New York 10038
直接電話連絡先: (名前及び電話番号)	Direct Telephone Calls to: (name and telephone number)  Lawrence Rosenthal (212) 806-5400
第五共同発明者	Full name of fifth joint inventor, if any Takeo Seino
第五共同発明者の署名 日付 「有男子」(建立) 2002年5月13日 生所	Fifth inventor's signature Date  Faken Scine May/13/2002  Residence
	Nagano, Japan
国籍	Citizenship Japan
私書箱	Post Office Address c/o Seiko Epson Corporation 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 Japan
第六共同発明者	Full name of sixth joint inventor, if any Hisashi Koike
第六共同発明者の署名 日付 ノハラ色)的 志	Sixth Inventor's signature Date  Hisash Korke May 21, 2002
住所	Residence Nagano, Japan
国籍	Citizenship Japan
私書箱	Post Office Address c/o Seiko Epson Corporation 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 Japan
(第七以降の共同発明者についても同様に記載し、署名をすること)	(Supply similar information and signature for seventh and subsequent joint inventors.)

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### Japanese Language Declaration

(日本語宣言書)

統きを米特許商权局に対して遂行する弁理士または代理人とし て、下記の者を指名いたします。(弁蔎士、または代理人の氏名 及び登録番号を明記のこと)

委任状: 私は、下記の発明者として、本出頃に関する一切の手 POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney (s) and/or agent (s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

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